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Title: **JP57054441A2: ENCRYPTION SYSTEM IN MOBILE COMMUNICATION SYSTEM**

Derwent Title: Secure control system for mobile communication system - provides secure communication when mobile station is moved from one radio zone to another radio zone [Derwent Record]

Country: JP Japan  
Kind: A

Inventor: SUWA KEISUKE;  
HATTORI TAKESHI;  
KANEKO KATSUYA;

Assignee: NIPPON TELEGR & TELEPH CORP <NTT>  
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Application Number: JP1980000129131

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IPC-7: H04B 7/26; H04K 1/00;

Priority Number: 1980-09-19 JP1980000129131

Abstract: PURPOSE: To make it unnecessary for a mobile station to retransmit key information to a new base station of transferred zone at zone transfer, by making a system constituted that the key information of encryption in mobile communication is stored at a line control station.

CONSTITUTION: In encryption for communication by a mobile station 2, the encryption request information from the mobile station 2 and the key information f1 of encryption are transmitted to a base station 1. The station 1 receives it and returns the encryption confirming signal to the station 2, and the key information f3 is transmitted to a line control station 3 for storage. Since encryption is made with this constitution, even if the station 2 moves from a zone Z1 to Z2, when the key information f3 is transmitted from the station 3 to a new base station 1a to be transferred, the encryption can be kept without the transmission of key information from the station 2 to the station 1a.

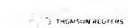
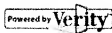
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